

INDUSTRIAL COMPONENT DATA

UA18CAD04NKM1TI CARLO GAVAZZI Selected parameters SYSTEM Sensor HOUSING M18 SENSING RANGE 0,2 to 1 m CONNECT..

Brand: CARLO GAVAZZI | Manufacturer Part Number: UA18CAD04NKM1TI



Manufacturer	CARLO GAVAZZI
MPN / Reference	UA18CAD04NKM1TI
Catalog number	10000
Category	Ultrasonic proximity switch
Minimum order	1 Pcs
Document ID	EO-578A3C72E7
Generated	2026-08-05

Product Overview

Selected parameters SYSTEM Sensor HOUSING M18 SENSING RANGE >0,2 to 1 m CONNECTION M12 plug DC OUTPUT NPN + 0...10 V DC MATERIAL Plastic Others HOUSING M18 x 78 mm SENSING RANGE 0,4 m MATERIAL Thermoplastic polyester

Ultrasound with direct detection, analog output 0-10 V and digital NPN, Detection 50 to 400 mm.

Ultrasonic Sensor, Diffuse Reflective, M18 PBT housing, M12 Connector, Sn 50-400mm, Analogue Output 0-10V+ NPN, Supply Voltage 15-30VDC, Operating Temperature -20-60C, Response time

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path CARLO GAVAZZI > Sensors > Conductive Level

Additional Product Information

Specifications

Rated operating distance50 mm ... 400 mmBlind zone50 mmDiameter18 mmAnalogue output0 V ... 10 VOutput typeNPNOutput functionConfigurableConnection typeM12 connectorHousing materialPlasticRated power supply15 V ... 30 VDegree of protectionIP67

ETIM for UA18CAD04NKM1TI Sensors (EC001849)

Feature Name

Feature Value

Type of analogy output (EF003958)

0 V ... 10 V

Type of electric connection (EF003961)

Connector M12

Type of switching output (EF003962)

NPN

Type of switch function (EF003963)

Programmable/configurable

Blind zone (EF003986)

50 mm

Length of sensor (EF007334)

77.7 mm

Diameter sensor (EF007111)

18 mm

Adjustable distance (EF008209)

50 mm

Setting procedure (EF003994)

Teach-In

Measuring range length (EF008213)

50 mm

Construction type housing (EF004008)

Cylinder, screw-thread

Standard for interfaces (EF004017)

Analogue

No-load current (EF004028)

45 mA

Relative linearity deflection (EF004034)

1 %

Max. output current (EF001315)

100 mA

Ambient temperature (EF002386)

-20 °C

Supply voltage (EF004127)

15 V

Relative repeat accuracy (EF004100)

0.5 %

Switching frequency (EF003587)

10 Hz

Voltage type (EF000187)

DC

Synchronisation possible (EF004117)

No

Material active area of sensor (EF004133)

Glass

Housing material (EF001596)

Plastic

Material of cable sheath (EF004136)

Other

AWG-number (EF007010)

22

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send CARLO GAVAZZI / UA18CAD04NKM1TI with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.